

WILL DRIVE IT OUT

The Hall Process Makes a Gas That's a

SUBSTITUTE FOR NATURAL GAS

E. C. Bradley, the Owner of Eight Natural Gas Towns, Thinks It's a Sure Thing.
Dr. Chisholm's Opinion.

Among the party that accompanied Dr. Chisholm of Chicago here to inspect the Fuel Gas company's plant are M. Hasken, M. Nelling, E. C. Bradley and H. Williams. Mr. Bradley is heavily interested in the natural gas industry, being the owner of eight natural gas towns in Ohio and Indiana. Mr. Bradley is greatly pleased with the Hall process in use here, and believes that it is destined to supplant natural gas. To a reporter for THE HERALD, he said: "I see no reason why the fuel gas made according to the system here should not perform all the offices of natural gas. In my opinion it is an excellent substitute, and is cheap and reliable. The great trouble with natural gas is that the owner of the well never knows when he goes to bed at night whether or not he will have any gas in the well in the morning. It is unreliable and the supply is liable to be exhausted at any minute without previous warning. In my opinion fuel gas manufactured by the Hall process is bound to surpass it. There is no reason why every city in the country should not have a well of natural gas now that is unending and almost as cheap as the original article."

Dr. Chisholm's Opinion.
Dr. Chisholm will remain here for several days and make investigations relative to the development of the plant. "I have made fuel gas a study for some time," he said yesterday, "and I believe we have found the only true process of making it cheaply and profitably. There is no experiment about it. We have demonstrated that it can be made to sell at a profit for 25 cents a thousand cubic feet, and that the gas made by this process is a better fuel than coal, and contains more heat energy than can be obtained from three tons of coal by the old process. Supposing that there are 600,000 tons of coal used in Grand Rapids yearly. We can convert 200,000 tons of it into fuel gas, and it does the same work. The gas is a mixture of oxygen, hydrogen and carbon. We can vary the proportions according to the use we intend to make of it. For instance, if the gas is to be used in iron working, we can increase the amount of carbon in it; if for factory purposes, we can increase the amount of hydrogen or oxygen according to the intensity of the heat desired. We can make the gas from any carbonaceous substance, although that made from a combination of bituminous coal and crude petroleum is the best. We shall probably pipe the city before long and furnish the gas to anybody that wishes. Just at present we are now interested in getting capitalists to overlook the plant, relative to introducing the gas in other great manufacturing cities. The first location of the plant in Grand Rapids was largely in the line of an experiment, but it succeeded admirably, and I don't know that a better city could have been found in which to make the first start."

At the Hotels.
Morton, T. E. Barkworth, Jackson; F. E. Goodyear, Hastings; F. G. Mack, Detroit; J. E. Rotford, Kalamazoo; E. H. Smith, Detroit; S. E. Conroy, Muskegon; H. Byland, Jr., Muskegon; N. O. Ward and wife, Stanwood; L. O. Miller, Three Rivers; C. F. Holt, Cassadaga; H. G. Holt, Cassadaga; A. K. Peck, Newaygo; R. A. Hastings, Kalamazoo; E. D. Randall, New Buffalo.
New Livingston—W. C. Ward, Detroit; L. V. Davis, Fremont; H. A. Haines and wife, Mary B. Eames, Detroit; C. K. Weatherly, Jackson; J. F. Clark, Big Rapids.
Sweet's—George W. Cope, E. F. Rollins, S. L. Lang, A. E. Johnson, Detroit; R. Loomis, Frank Townsend, Lansing; Sam Woodward, Detroit.
Eagle—J. L. Manning, Mrs. J. L. Manning, Cora Manning, Muskegon; F. S. Raymond, Fenwick; W. B. Wells, Benton Harbor; P. B. Sharp, Byron Center; C. A. McMillon, Forest Grove; J. B. Goodall, Muskegon; S. J. Hamon, Benton Harbor; George B. Eaton and wife, Saginaw; F. Van Gilden, White Pigeon; G. E. Gilman, Paw Paw; J. H. Worden, Cedar Springs; U. J. Barnett, Lansing; S. L. Garrett, Detroit.

Contagious Diseases.
B. Van den Burg, 3, No. 800 East Fulton street, typhoid fever; J. Van den Burg, 23, No. 800 East Fulton street, typhoid fever; Isabel Leach, 11, No. 774 Hall street, scarlet fever.

Burial Permits.
Child of Peter Ross, 1 month, Coldbrook street, infantile; Fulton street; Johannes Reers, 41, No. 125 Alpine avenue, malarial fever, Greenwood.

Heard From at Buffalo.
Four Horses, Sept. 24.—It is now claimed that Otto Scott, the capitalist

who has disappeared and allowed notes to go to protest amounting to some thousands of dollars and to be paid by the indorsees, is in Buffalo; that he had some investments there which have turned out badly and that he is busy endeavoring to protect himself and make the losses as small as possible. His friends are confident that he will return and straighten matters.

Edward of Virtue.
At what age does self admiration end? Perhaps if aged people were entirely frank they would have to tell their self conceited grandchildren, if they asked this question, "You must ask some one older than we."

Grandpa Brown is eighty-two, and time has not spared him. He is bald, toothless and wrinkled. The other day his grandson, Tom, looked at him long and steadily, and said:
"Grandpa, when I get to be as old as you shall I look as you do?"
Grandpa beamed. "Oh, yes, Tommy," he answered, "you may if you are good and take care of yourself all your life."—Youth's Companion.



Girl in Chair.—Isn't this a magnificent view?
Girl by Post.—Yes; but I don't care for views.

The Boy.—Neither do I. I'd rather look at two of the plainest girls in creation than at any view ever made.—Harper's Bazar.

He Was Too Fertile.
Two homely and tittering maidens and a stout and aggressive wife comprised his flock. He was a small man, with a pointed beard and a sallow air, and he marshaled the party in front of the dining room door on a Champlain steamer ten minutes before dinner was served so as to "be in time," and when finally they headed the procession to the tables there began a volley of solicitous inquiries that well nigh broke the appetites of neighboring passengers. The small man sat at the head of a table, and he held the bill of fare and doled out inquiries.

"Will you have chicken or beef soup, mother?"
"Chicken, Edward."
"Kitty, dear?"
"Beef, pa."
"Beef for you, Mary?"
"Chicken if you please."
"You will all have fish, I suppose," he said.

"None for me," said his wife decidedly. One of the girls also voted against fish, and then he beat the waiting ear-drums of the white aproned attendant with an order that was changed five times. At last as the boat neared its destination a generous array of viands had appeared, and the small man's solicitude grew dreadful.

"Mother, do have some beefs."
"I don't wish any."
"Take some corn, Kitty, dear. Pass the celery to the gentleman next, Mary. This beef is excellent, mother. Can't I give you a bit of it? No? Have a piece of bread, dear? What, Kitty, are you taking pie and ice cream together? Remember Montreal, my child. Wife, do eat that chicken; won't you, my love?"

The stout woman glanced at the few remaining passengers bolting final mouthfuls, and then she cleared the bits of chicken from her voice and said in no uncertain tones:
"Edward, you ain't eaten no dinner."
"Yes, I have."
"You haven't. You've buzzed around too much to get a spoonful into your mouth sideways."

"My dear," protested the small man deprecatingly.
"Your hear," she insisted, "and now we're almost there. You just drop the polite business, Edward, and rustle for the meat and portier like you was at home. Hear?"

He did.—New York Tribune.

They Needed Change.
Dr. Curren—I see you have ordered quite a number of your patients to the country. They needed change, I presume.

Dr. Biglow—Awfully. Hadn't a cent left.—New York Weekly.

Had Been Treated Before.
Minnie—I simply couldn't have refused Jack after he offered me this lovely engagement ring.

Glady's—Yes. Jack has always placed great reliance in that ring.—Chicago News-Record.

Opening Day—Monday.

The opening day of the Columbia College of Commerce, C. A. Head and W. J. Pullingham proprietors, will occur tomorrow at their rooms in the McMullen block. These experienced commercial teachers only one week ago announced the opening of their school and already have twenty pupils enrolled which augurs well for their success. On Monday these students with others desiring to enter will be received and classified and the first school work commenced. Evening schools will be taught in connection with the regular training classes and the first sessions will occur tomorrow night. Parents or young people interested are requested to investigate the merits of the instruction this college has to offer.

Columbia College of Commerce, McMullen block, South Division street.

Hear J. C. Burrows Tuesday night.

Useful Book Free.

Those who want to know how to make their old clothes look new, will find many hints and helps in "Successful Home Dyeing." This 32-page book tells how faded and dingy dresses, suits, coats, ribbons, feathers, etc., are easily dyed any desired color with Diamond Dyes. Sent free by Wells, Richardson & Co., Burlington, Vt.

The Season Will Soon Open—All Walts.

Miss Calla Travis is arranging her dancing classes for the coming season and it will not be long ere the little ones will again be whirling over the ballroom floor in Hartman's great reception hall. The first class for children will open next Saturday, October 1. In connection with dancing, instruction in Deportment will be given. Special attention will be given to the children this season and the first class proposes giving a grand carnival about Christmas time, she desires the children to start in early as possible. Private lessons will be given on application. The evening class will open Thursday, October 13. All classes will be instructed in the Hartman reception hall and prices will remain the same as last year.

Hear J. Stout Fasset Tuesday night.

Everything on Earth.

There is one thing Jim Travis, No. 57 Canal street, can do and that is to satisfy a patron with almost anything he or she may desire to purchase. Jim's "Old Curiosity Shop" is an unique affair and almost everything on earth is to be found within its confines for sale. Jim offers a patron some excellent bargains, too. For the week he makes special drives in dumb bells, stoves, etc.

The children's class of Miss Wilcox's dancing academy will commence Saturday afternoon next at James Riffe's Armory hall, corner of Cherry and South Division streets.

Children's Class.
Miss Travis will give her first children's class Saturday afternoon, Hartman hall, Ottawa street. Children are requested to begin early in the season so as to be ready for the convalescence. The hop has been postponed until Thursday, the 13th.

SCRATCHED 3 YEARS

Suffered, Scratched, and Bled. Doctors No Relief. Cured by Two Sets Cuticura Remedies.

I wish to express my thanks for the benefit I have derived from using CUTICURA REMEDIES. Nothing like them was ever manufactured. For three years have I suffered with a sore head. I would break out all over my head with pimples which would form a watery matter, and I would have to scratch until I would bleed. After I had used two sets of CUTICURA REMEDIES, I am entirely cured. I have recommended your remedies to several persons, and they all tell me they are No. 1. Of course doing a nice business in CUTICURA REMEDIES, since my cure. I have given him the privilege of using my name as proof of their efficiency. A cutting my portrait.

A. F. GRAMM, Photographer, Mt. Morris, Wis.
My wife has been troubled with the salt rheum for four years. During this time doctors of Wisconsin, Illinois, and the most eminent doctors of Ohio, failed to give relief. I bought the CUTICURA REMEDIES, and she used only one box of CUTICURA, CUTICURA SOAP, and half a bottle of the CUTICURA RESOLVENT, and these have cured my wife completely.

C. M. FOSTER, Mt. State St., Chicago, Ill.

Cuticura Resolvent
The New Blood and Skin Purifier, internally, and CUTICURA, the great skin Cure, externally, instantly relieve and speedily cure every disease and humor of the skin, scalp, and blood, with loss of hair, from infancy to age, from pimples to scurfiness.

Sold everywhere. Price, CUTICURA, 50c.; Soap, 25c.; Resolvent, 50c. Prepared by the FURBER DRUG AND CHEMICAL CONCENTRATORS, Boston.

Get "How to Cure Skin Diseases" 5c. paper, 30 illustrations, and testimonials, mailed free.

PIM—PMS, Markham, Md., night, dropped, and city skin cured by CUTICURA SOAP.

HOW MY BACK ACHES!
Back Ache, Rheumatism, Pains, and Weakness, Stomach, Liver, Kidneys, Bladder, and Bowels relieved in one minute by two CUTICURA Anti-Pain Plasters.

SCHOOL BOOKS AND SCHOOL SUPPLIES

Slates, Slate Pencils, Sponges, Tablets, Lead Pencils, Drawing Compasses, Pens, Penholders, Inks, Composition Books, Reed's Word Lessons, Thomson's Arithmetic, Harper's Geography, Reed & Kellogg's Graded Lessons, Reed & Kellogg's Higher Lessons, Frang's Drawing Books, Anderson's, Barnes', Eggleston's, Higginson's and Johnston's History of the United States, Stone's English History, Myer's General History, Packard's Bookkeeping, Olney's Algebra, Olney's Geometry, Gillet & Rolfe's Astronomy, Gray's Botany, Brooke's English Literature, Hill's Rhetoric, Young's Civil Government, Gregory's Political Economy, Ahn's German Books, Duffet's French Method, Horkness' Latin Grammar, Jones' Latin Prose, Allen & Greenough's Caesar, Allen & Greenough's Cicero, Frieze's Vergil, Hadley's Greek Grammar, Boise's First Lesson in Greek, Boise's Xenophon's Anabasis, White's Latin Lexicon, Liddell & Scott's Greek Lexicon, Webster's Dictionaries.

Palmer, Meech & Co.,

59 MONROE ST. 89 OTTAWA ST.

The Evenings are Chilly
Here's what you want to make them comfortable.

THE NEW ELECTRIC OIL STOVE
We can't tell you all about it here. Come and see it work at H. Leonard's Sons & Co., 29 and 31 Monroe St.

Look here! Don't buy a stove of any kind until you see DOCKARD'S. Easy terms on stoves this year. If you have an old one you want to get rid of before buying, come in. We may help you.

SPROUL & MCGURRIN.
Plumbing, Steam and Hot Water Heating
HOT AIR FURNACES,
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Red Diamond Hose and other brands. Water and Sewer Connections. Patented Filters which kill all microbes and germs and make water absolutely pure. Douglas' Instantaneous Water Heater, designs for Baths. Wholesale and Retail Dealers in Plumbers' Supplies.

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THE HIGH POSITION

In the estimation of the people attained by our

CHILDREN'S CLOTHING!

Is gratifying indeed; yet the distinction is but just. The best should have preference, and the most stylish SUITS should receive the highest praise.

OUR CHILDREN'S DEPARTMENT

has become one of the most important features of our business, and few houses are able to offer such a variety from which to choose.

THE NEW FALL AND WINTER DESIGNS

are exceedingly attractive and the little fellows who wear one of these nobby outfits will be pardoned for feeling a little proud. If you want the finest English Cheviot Suits in existence, we furnish them at \$7.00 to \$10.00. Splendid School Suits \$5.00 to \$6.50. Thousands of Cheaper Grades \$3.00 to \$5.00. And to give those a show whose pocket books are not so well lined, we offer ONE THOUSAND Boys' Suits during this last week of September at 98c, \$1.25 and \$1.50. These last are unparalleled bargains.

JUST THINK A BOYS ENTIRE SUIT FOR 98c.

HATS, HATS—Yes, bargains throughout our immense Hat Department.

Hudson's Tower Clothing Co.,

LEADERS,
OPPOSITE SWEET'S HOTEL, GRAND RAPIDS.

PUT DOWN

Your Oil Cloth, then

PUT UP

Your Stove!

If you have't seen our "lay out" of Oil Cloth for Fall just jump aboard the first car and come to get first choice.

BOSS & NORTON,

CARPETS AND DRAPERIES

NO. 27 SOUTH DIVISION ST.

WEDDING GIFTS!

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STERLING
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\$5.00

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STERLING
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DIAMONDS!

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OPTICAL GOODS!

J. C. Herkner Jewelry Co.

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Wanted
Next Week.

OUR FIRST FALL RETAIL OPENING

—WILL BE HELD—

Next Wednesday and Thursday, Sept. 27 and 28.

OPENING WEEK!

Every lady in Grand Rapids and vicinity is cordially invited to visit our opening.

CORL, KNOTT & COMP'Y,

20 AND 22 NORTH DIVISION STREET.

We will be
Fair
With You.

All the New Imported Styles.
The Most Beautiful Pattern Hats.
All the Stylish Trimmings.

Don't Betoomuch Surprised.

You
Will want to
See it.